U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

c drawing(s) filed (insert date) approved by the Draftsperson under 37 CFR 1.84 or	are: or 1.152.
B. objected to by the Draftsperson under 37 CFR 1.84	or 1.152 for the reasons indicated below. Corrected
drawings are required.	
1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so
Color drawings are not acceptable until petition is granted. Fig(s) Pencil and non black ink not permitted. Fig(s)	that the top becomes the right side, except for graphs. Fig(s)
2. PHOTOGRAPHS. 37 CFR 1.84(b) One (1) full-tone set is required. Fig(s)	Scale not large enough to show mechanism without crowding when drawing is reduced in
Photographs may not be mounted. 37 CFR 1.84(e) Photographs must meet paper size requirements of.	size to two-thirds in reproduction. Fig(s)
37 CFR 1.84(f). Fig(s) Poor quality (half-tone). Fig(s)	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(1)
3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s)	Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s)
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)	11. SHADING. 37 CFR 284(m) Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches)	Numbers and reference characters not plain and legible. Fig(s)
All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s)	Figure legends are poor. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(
5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s)	Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Fig(s)
Top (T) Left (L)Right (R) Bottom (B) 6. VIEWS. 37 CFR 1.84(h)	Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s)
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is	13. LEAD LINES. 37 CFR 1.84(q) Lead lines missing. Fig(s)
changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings,	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
must likewise be changed. Views not labeled separately or properly. Fig(s)	Sheets not numbered consecutively, and in Arabi numbers beginning with number 1. Sheet(s)
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Sectional designation should be noted with	Views not numbered consecutively, and in Arabi numerals, beginning with number 1. Fig(s)
Arabic or Roman numbers. Fig(s)	Surface shading shown not appropriate. Fig(s) Solid black surface shading is not permitted exce
	when used to represent the color black as well as color contrast. Fig(s)
OMMENTS:	
Orl	8/9/04
u have questions, call (703) 305-8404.	Attachment to Paper No.